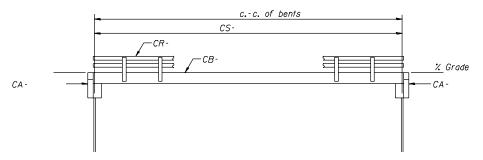
CELL / MODEL NAME	DESCRIPTION	DATE
GP-1	GP & E, one span, no skew	4/4/2005
GP-1L	GP & E, one span, ahead left skew	4/4/2005
GP-1R	GP & E, one span, ahead right skew	4/4/2005
GP-3	GP & E, three span, no skew	8/24/2005
GP-3L	GP & E, three span, ahead left skew	8/24/2005
GP-3R	GP & E, three span, ahead right skew	8/24/2005
GP-4	GP & E, four span, no skew	8/24/2005
GP-4L	GP & E, four span, ahead left skew	8/24/2005
GP-4R	GP & E, four span, ahead right skew	8/24/2005
GP-5	GP & E, five span, no skew	8/24/2005
GP-5L	GP & E, five span, ahead left skew	8/24/2005
GP-5R	GP & E, five span, ahead right skew	8/24/2005

Existing Structure

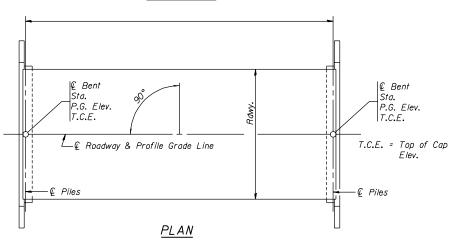
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. SHEET NO. ROUTE NO. SECTION COUNTY SHEETS ILLINOIS FED. AID PROJECT

Salvage-



ELEVATION



GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
 2. See Special Provisions for boring logs.
- 3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

l lait	Cunn	Sı	ıb.	Total
Unii	Super	Piers	Abuts.	rorar
Each				
Ton				
Sq. Yd.				
Cu. Yd.				
Sq. Ft.				
Foot				
Foot				
Pound				
Foot				
Foot				
Each				
Each				
Cu. Yd.				
Foot				
	Ton Sq. Yd. Cu. Yd. Sq. Ft. Foot Foot Pound Foot Foot Each Each Cu. Yd.	Each Ton Sq. Yd. Cu. Yd. Sq. Ft. Foot Foot Pound Foot Foot Each Each Cu. Yd.	Super Piers	Piers Abuts.

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

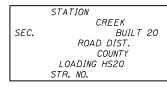
SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (2-ABUTS.)

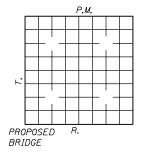
Туре Capacity Estimated Length Number Required

Tons Feet (Includes 1 Test Pile located in Bent #1)



LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area =			Low G	rade Ele	Ø	Sta.			
Flood	Freq.	а	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	ater El.
	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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GENERAL PLAN & ELEVATION ROUTE

OVER SECTION

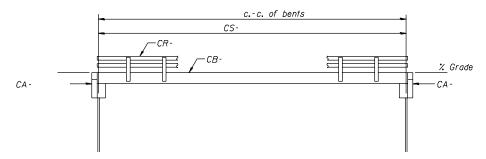
COUNTY STATION

Existing Structure-

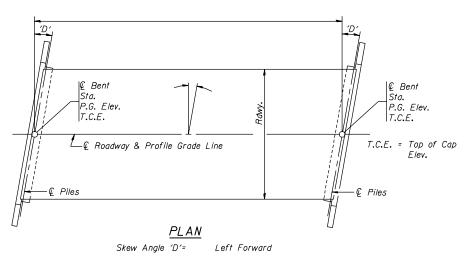
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. SHEET NO. ROUTE NO. SECTION COUNTY SHEETS ILLINOIS FED. AID PROJECT

Salvage-



ELEVATION



GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- 2. See Special Provisions for boring logs.
- A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Cunny	Sı	ıb.	Total
Trem	Unii	Super	Piers	Abuts.	rorar
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course. Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (2-ABUTS.)

Туре Capacity Estimated Length

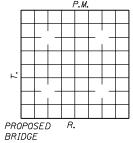
Feet Number Required

(Includes 1 Test Pile located in Bent #1)



LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area =			Low G	Grade Ele	a	Sta.			
Flood	Freq.	а	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	nter El.
171000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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GENERAL PLAN & ELEVATION ROUTE *OVER* SECTION COUNTY

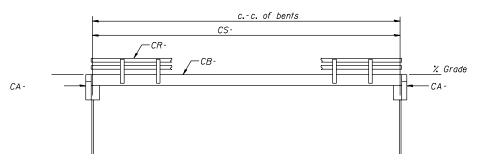
STATION

Existing Structure-

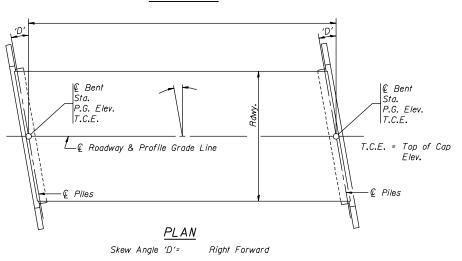
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. SHEET NO. ROUTE NO. SECTION COUNTY SHEETS ILLINOIS FED. AID PROJECT

Salvage-



ELEVATION



GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles. See Special Provisions for boring logs.
- A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

	Unit	Cupar	Si	ub.	T-4-1
Trem	Onn	Super	Piers	Abuts.	Total
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams (" Depth)	Sq. Ft.				
Steel Bridge Rail. Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot	·	·		•

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (2-ABUTS.)

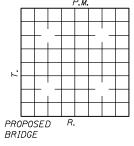
Туре Capacity Estimated Length Number Required

Feet (Includes 1 Test Pile located in Bent #1)



LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

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Drainage Area =			Low G	rade Ele	a	Sta.			
Flood	Freq.	a	Opening	Sq. Ft.				Headwo	
	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

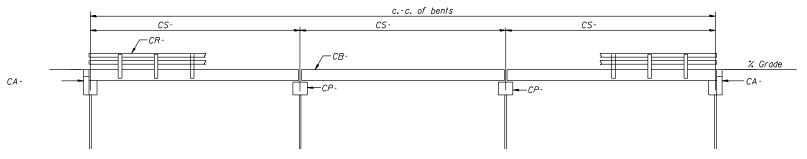
GENERAL PLAN & ELEVATION	
ROUTE	
OVER	
SECTION	
COUNTY	
STATION	

Existing Structure

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. ROUTE NO. SECTION COUNTY SHEET NO. SHEETS ILLINOIS FED. AID PROJECT

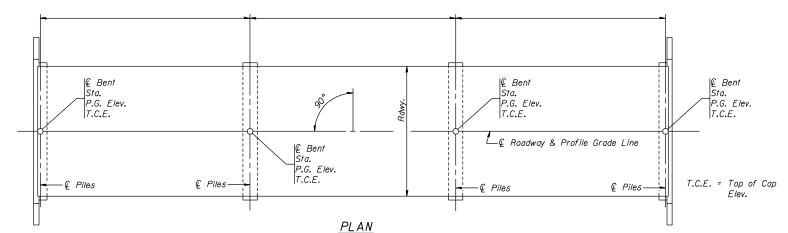
Salvage-



GENERAL NOTES

- The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- See Special Provisions for boring logs.
- A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

ELEVATION



TOTAL BILL OF MATERIAL

Item	Unit	Cunner	Si	ub.	Total
Trem	Unit	Super	Piers	Abuts.	10101
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (2-PIERS)

Туре

Capacity Estimated Length Number Required

Tons (Includes 1 Test Pile located in Bent #)

PILE DATA (2-ABUTS.)

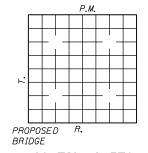
Туре Capacity Estimated Length Number Required

Feet (Includes 1 Test Pile located in Bent #1)

STATION CREEK SEC. BUILT 20 ROAD DIST. COUNTY LOADING HS20 STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area =			Low G	rade Ele	Ø	Sta.			
Flood	Freq.	a	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	ter El.
F1000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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GENERAL PLAN & ELEVATION ROUTE *OVER* SECTION COUNTY

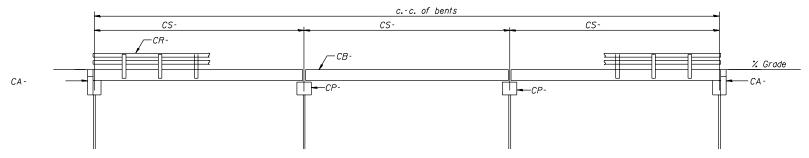
STATION

Existing Structure

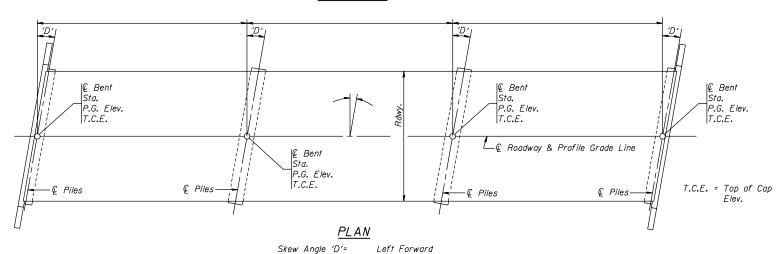
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. ROUTE NO. SECTION COUNTY SHEET NO. SHEETS ILLINOIS FED. AID PROJECT

Salvage-



ELEVATION



GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- 2. See Special Provisions for boring logs.
- 3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

_		_	Si	Jb.	_
Item	Unit	Super	Piers	Abuts.	Total
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (2-PIERS)

Туре

Capacity Estimated Length Number Required

Tons Feet

(Includes 1 Test Pile located in Bent #)

PILE DATA (2-ABUTS.)

Туре Capacity Estimated Length Number Required

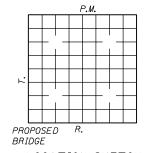
Feet

(Includes 1 Test Pile located in Bent #1)

STATION CREEK SEC. BUILT 20 ROAD DIST. COUNTY LOADING HS20 STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area =			Low Grade Elev. =				Sta.		
Flood	Freq.	a	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	ater El.
	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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GENERAL PL	LAN & ELEVATION
	ROUTE
	<i>OVER</i>
S	ECTION
(COUNTY
S	TATION

Salvage-

Existing Structure

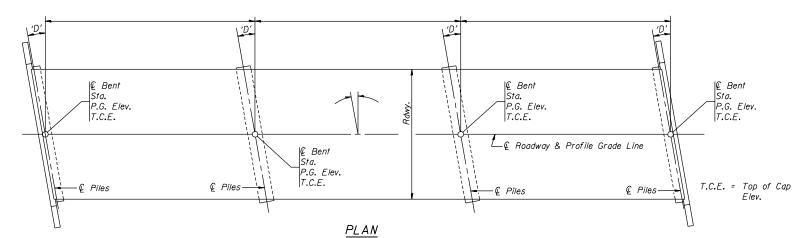
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. SHEET NO. ROUTE NO. SECTION COUNTY SHEETS

ILLINOIS FED. AID PROJECT

c.-c. of bents CS-CS-CS-% Grade - CA -Т---сР-—_*CP*-

ELEVATION



Right Forward

GENERAL NOTES

- The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- See Special Provisions for boring logs.
- A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Si	Total	
116111	Onn	Super	Piers Abuts.		10101
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

Skew Angle 'D'=

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (2-PIERS)

Туре Capacity Estimated Length

Tons Feet

Number Required (Includes 1 Test Pile located in Bent #)

PILE DATA (2-ABUTS.)

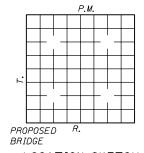
Type Capacity Estimated Length

Number Required (Includes 1 Test Pile located in Bent #1)

STATION CREEK SEC. BUILT 20 ROAD DIST. COUNTY LOADING HS20 STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area	=		Low Grade Elev. =			Ø	Sta.		
Flood	Freq.	a	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	ater El.
171000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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GENERAL PLAN & ELEVATION ROUTE *OVER* SECTION COUNTY STATION

Salvage-

Existing Structure

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. ROUTE NO. SECTION COUNTY SHEET NO.

SHEETS

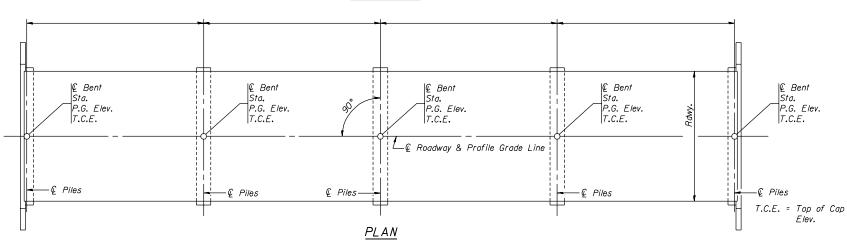
ILLINOIS FED. AID PROJECT

c.-c. of bents CS-CS-CS-CS--CR-% Grade - CA -П---СР-**-**--CP-

GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- 2. See Special Provisions for boring logs.
- 3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

ELEVATION



TOTAL BILL OF MATERIAL

Item	Unit	Cunner	Si	Total	
Trem	UIIII	Super	Piers	Abuts.	10101
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams (" Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (3-PIERS)

Type Capacity Estimated Length

Tons Feet Number Required (Includes 1 Test Pile located in Bent #)

PILE DATA (2-ABUTS.)

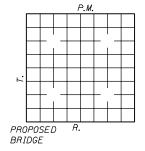
Type Capacity Estimated Length Number Required

Feet (Includes 1 Test Pile located in Bent #1)

STATION CREEK SEC. BUILT 20 ROAD DIST. COUNTY LOADING HS20 STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

Drainage Area	1 =	Low Grade Elev. =			Q	Sta.			
Flood	Freq.	0	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	ater El
F1000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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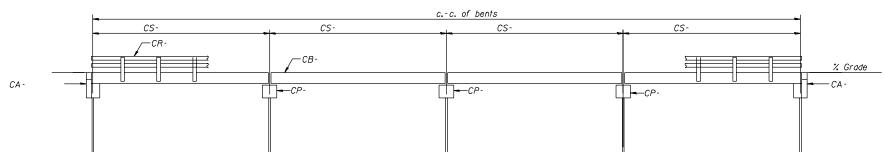
GENERAL PLAN & ELEVATION
ROUTE
<i>OVER</i>
SECTION
COUNTY
STATION

B.M.-Existing Structure

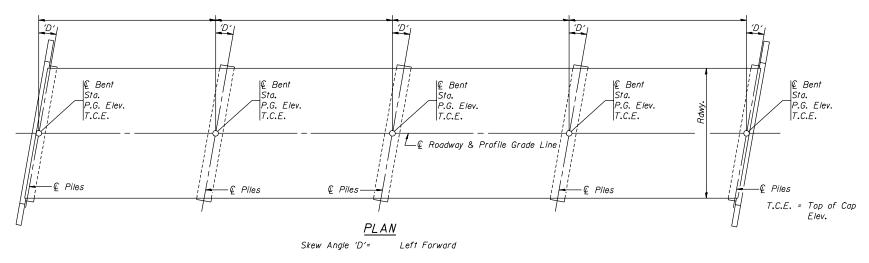
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. ROUTE NO. SECTION COUNTY SHEET NO.

SHEETS ILLINOIS FED. AID PROJECT



ELEVATION



GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified. in a permanent location as directed by the Engineer before ordering the remaining piles.
- 2. See Special Provisions for boring logs.
- 3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

			Si	ıb.	
Item	Unit	Super	Piers Abuts.		Total
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (3-PIERS)

Type Capacity Estimated Length Number Required

Tons (Includes 1 Test Pile located in Bent #)

PILE DATA (2-ABUTS.)

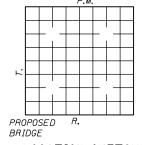
Туре Capacity Estimated Length Number Required

(Includes 1 Test Pile located in Bent #1)

STATION CREEK SEC. BUILT 20 ROAD DIST. COUNTY LOADING HS20 STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

Drainage Area	-		Low Grade Elev. =			a	Sta.		
Flood	Freq.	а	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	iter El.
171000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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GENERAL PLAN & ELEVATION ROUTE **OVER** SECTION COUNTY STATION

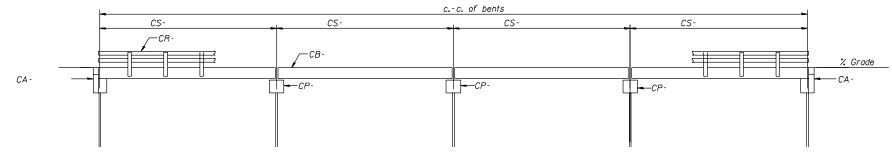
Salvage-

B.M.-Existing Structure

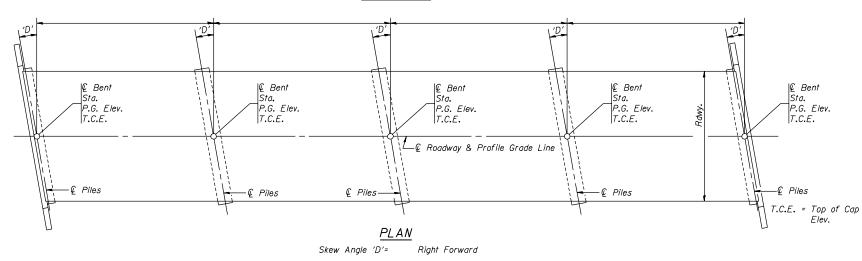
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. ROUTE NO. SECTION COUNTY SHEET NO. SHEETS ILLINOIS FED. AID PROJECT

Salvage-



ELEVATION



GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- 2. See Special Provisions for boring logs.
- 3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

		_	Si	ıb.	-
Item	Unit	Super	Piers Abuts.		Total
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (3-PIERS)

Туре Capacity Estimated Length Number Required

Tons (Includes 1 Test Pile located in Bent #)

PILE DATA (2-ABUTS.)

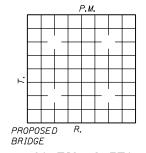
Туре Capacity Estimated Length Number Required

(Includes 1 Test Pile located in Bent #1)

STATION CREEK SEC. BUILT 20 ROAD DIST. COUNTY LOADING HS20 STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

Drainage Area	=		Low G	rade Ele	/ . =	a	Sta.		
Flood	Freq.	а	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	nter El.
F1000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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GENERAL PLAN & ELEVATION
ROUTE
<i>OVER</i>
SECTION
COUNTY
STATION

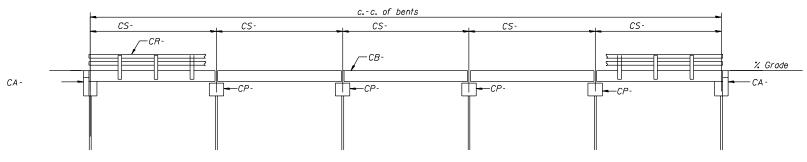
Existing Structure

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

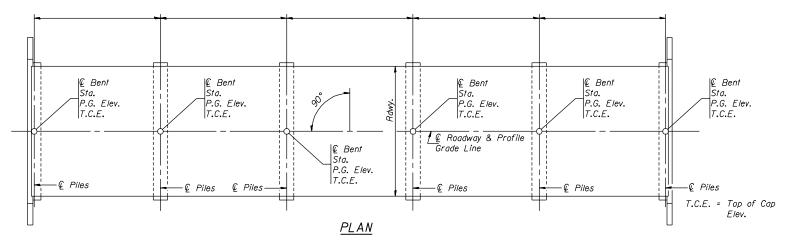
TOTAL SHEET SHEETS NO. ROUTE NO. SECTION COUNTY SHEET NO. ILLINOIS FED. AID PROJECT

SHEETS

Salvage-



ELEVATION



GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- 2. See Special Provisions for boring logs.
- 3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Itom.	Unit	Cupar	Si	Total	
Item	Unit	Super	Piers	Abuts.	10101
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (4-PIERS)

Type Capacity Estimated Length

Tons Feet Number Required

(Includes 1 Test Pile located in Bent #)

PILE DATA (2-ABUTS.)

Туре Capacity

Estimated Length Feet Number Required in Bent #1)

(Includes 1 Test Pile located

STATION CREEK BUILT 20 ROAD DIST. COUNTY LOADING HS20 STR. NO. BRIDGE

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)

SEC.

PROPOSED R.

LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area	=		Low Grade Elev. =			Ø	Sta.		
Flood	Freq.	Q	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	ater El.
171000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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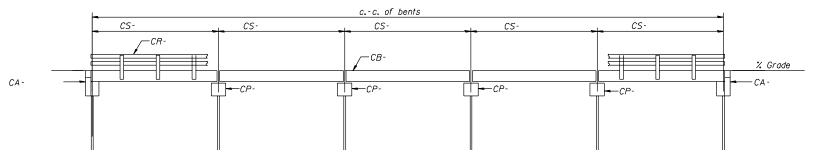
GENERAL PLAN & ELEVATION ROUTE **OVER** SECTION COUNTY STATION

Existing Structure

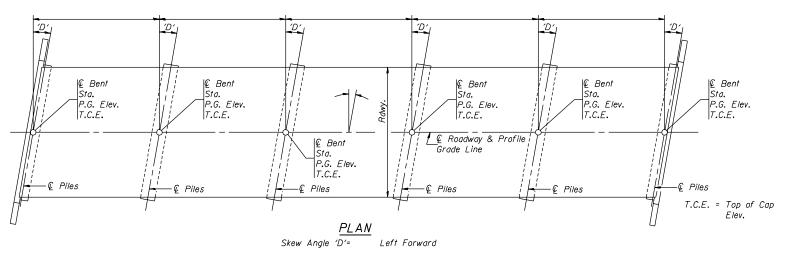
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. SHEET NO. ROUTE NO. SECTION COUNTY SHEETS ILLINOIS FED. AID PROJECT

Salvage-



ELEVATION



GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- 2. See Special Provisions for boring logs.
- 3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

Item	Unit	Super	Si	Total	
116111			Piers	Abuts.	10101
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (4-PIERS)

Туре Capacity

Estimated Length Number Required

Tons (Includes 1 Test Pile located in Bent #)

PILE DATA (2-ABUTS.)

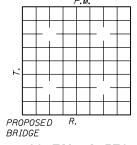
Туре Capacity Estimated Length Number Required

(Includes 1 Test Pile located in Bent #1)

STATION CREEK SEC. BUILT 20 ROAD DIST. COUNTY LOADING HS20 STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

WATERWAY INFORMATION

Drainage Area	=		Low Grade Elev. =			a	Sta.		
Flood	Freq.	a	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	ater El.
171000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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SECTION	
COUNTY	
STATION	

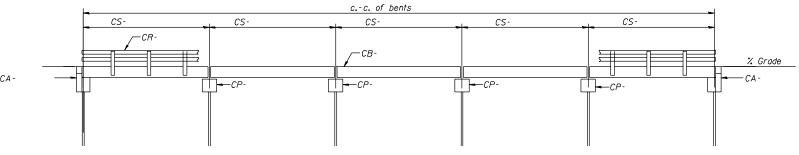
Salvage-

Existing Structure

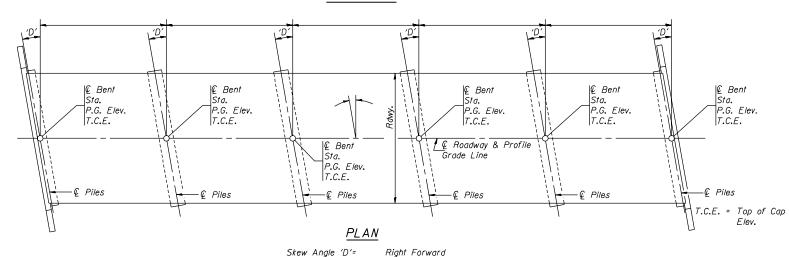
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TOTAL SHEET SHEETS NO. ROUTE NO. SECTION COUNTY SHEET NO. ILLINOIS FED. AID PROJECT

SHEETS



ELEVATION



GENERAL NOTES

- 1. The Contractor shall drive test piles, as specified, in a permanent location as directed by the Engineer before ordering the remaining piles.
- 2. See Special Provisions for boring logs.
- 3. A Corrosion inhibitor, as covered in the Special Provisions, shall be used in the concrete for precast prestressed concrete deck beams.

TOTAL BILL OF MATERIAL

74	Unit	C	Si	T-4-1	
Item	Unit	Super	Piers	Abuts.	Total
Removal of Existing Structures	Each				
Bituminous Concrete Surface Course, Superpave	Ton				
Waterproofing Membrane System	Sq. Yd.				
Concrete Structures	Cu. Yd.				
Precast Prestressed Concrete Deck Beams ('' Depth)	Sq. Ft.				
Steel Bridge Rail, Type SM	Foot				
Steel Railing, Type S-1	Foot				
Reinforcement Bars	Pound				
Furnishing	Foot				
Driving	Foot				
Test Piles	Each				
Name Plates	Each				
Concrete Encasement	Cu. Yd.				
Portland Cement Mortar Fairing Course	Foot				

DESIGN SPECIFICATIONS

2002 AASHTO Standard Specifications - 17th ed.

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.

SEISMIC DATA

Seismic Performance Category (SPC) = Bedrock Acceleration Coefficient (A) = Site Coefficient (S) =

PILE DATA (4-PIERS)

Туре Capacity Estimated Length Number Required

Tons Feet

(Includes 1 Test Pile located in Bent #)

PILE DATA (2-ABUTS.)

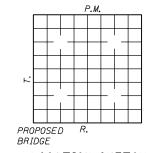
Туре Capacity Estimated Length

Number Required (Includes 1 Test Pile located in Bent #1)

STATION CREEK SEC. BUILT 20 ROAD DIST. COUNTY LOADING HS20 STR. NO.

LETTERING FOR NAME PLATE

Locate Name Plate at Corner of Bridge (See Std. CN)



LOCATION SKETCH

Drainage Area	=		Low Grade Elev. =			a	Sta.		
Flood	Freq.	a	Opening	Sq. Ft.	Nat.	Head	- Ft.	Headwo	iter El.
F1000	Yr.	C.F.S.	Exist.	Prop.	H.W.E.	Exist.	Prop.	Exist.	Prop.
Design									
Base	100								
Overtopping									
Max. Calc.	500								

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